

General Information:

The US Army security community is concerned with the loss of valuable material through theft. The HVASC is a direct result of surveys and comments received from military field units. The comments expressed a critical need for a highly versatile, bulk-storage cage that is resistant to force for securing high-value and sensitive assets.

Equipment Functionality: The HVASC is equipment that functions as limited security and storage for items that may be targeted for theft or damage. The HVASC provides protection of high value assets from low and very low threats by; 1) preventing/deterring theft, 2) slowing-down/inhibiting an attempted theft, 3) providing secure secondary storage, and 4) utilized as a secure shipping container.

Performance Characteristics of the HVASC Supply unit: The Supply HVASC is: a one-piece cage, equipped with two swing-out doors, interior adjustable and removable shelves, a removable coat rack bar, four removable caster assemblies, fixed wooden skids, and is designed to accommodate two padlocks to lock the doors.

Performance Characteristics of the HVASC Portable unit: The Portable HVASC consists of: two smaller units (top and bottom), the top unit has swing-up handles for lifting and carrying, the bottom unit has four removable caster assemblies and, fixed wooden skids, each unit has a swing-out door, an interior adjustable and removable shelf (one in each unit), and each door is designed to accommodate two padlocks.

Fabrication: The HVASC is fabricated of $\frac{3}{4}$ inch No. 9 raised mesh carbon steel (ATSM F 1267, Type 1, Class 1) and welded to a tube frame constructed of steel (ASTM A513, Type 1, 11 wall gauge.)

Dimensional Data:

The Supply HVASC

Height w/Casters	71.5 inches
Height of unit	65.0 inches
Width	60.0 inches
Depth	33.0 inches
Weight	1,090 lbs. (includes: 3 shelves, 4 casters assemblies, and 1 coat rack bar)

The Portable HVACSC (Top and Bottom units)

	<u>Portable Unit</u>	<u>Top Unit</u>	<u>Bottom Unit</u>
Height w/Casters	66.5 inches	N/A	37.5 inches
Height of unit	64.0 inches	29.0 inches	35.0 inches
Width	33.0 inches	33.0 inches	33.0 inches
Depth	44.5 inches	44.5 inches	44.5 inches
Weight (complete)	955 lbs.	N/A	N/A
Weight (w/shelf)	N/A	415 lbs.	N/A
Weight (w/shelf, casters)	N/A	N/A	540 lbs.